



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III  
1650 Arch Street  
Philadelphia, Pennsylvania 19103-2029

5/19/2015

Mr. Lee A. McDonnell, P.E., Director  
Department of Environmental Protection  
Bureau of Point & Non-Point Management  
Rachel Carson State Office Building  
400 Market Street  
Harrisburg, PA 17101

Dear Mr. McDonnell:

The U.S. Environmental Protection Agency (EPA) is providing errata for the *Nutrient Total Maximum Daily Load (TMDL) for the Indian Creek Watershed, Pennsylvania* established by EPA on June 30, 2008. The purpose of these errata is to make non-substantive, conforming corrections on Tables 5-7 and ES-5 and to clarify Table 5-8 in the final Total Maximum Daily Load (TMDL) document based on EPA's review of the TMDL. These revised tables will be considered part of the final TMDL. EPA will publish the enclosed errata on its website to document the corrected tables for the Indian Creek nutrient TMDL.

If you have any questions regarding this matter, please contact me or contact Evelyn MacKnight at 215-814-5717.

Sincerely,

/S/

Jon M. Capacasa, Director  
Water Protection Division

Enclosure

cc: Kelly Hefner, PADEP  
Rod Kime, PADEP  
Bill Brown, PADEP  
Jenifer Fields, PADEP



## **Errata for the *Nutrient Total Maximum Daily Load for the Indian Creek Watershed, Pennsylvania* established June 30, 2008**

The U.S. Environmental Protection Agency (EPA) is providing errata for the *Nutrient Total Maximum Daily Load (TMDL) for the Indian Creek Watershed, Pennsylvania* established by EPA on June 30, 2008. It should be noted that the TMDL was established for nutrients as well as sediment; however this errata document is for the nutrient TMDL only. The purpose of these errata is to make non-substantive, conforming corrections to Tables 5-7 and ES-5 and to clarify Table 5-8 in the final Total Maximum Daily Load (TMDL) document based on EPA's review of the TMDL. These revised tables will be considered part of the final TMDL.

Errata corrections to the TMDL Report are included below.

### **Tables 5-7 and ES-5 Corrections**

An inconsistency was identified in Table 5-7 of the TMDL Report which shows the existing total phosphorus (TP) loads, the TMDL's annual wasteload allocations (WLAs), and the TMDL's maximum daily WLAs for the seven NPDES permittees within the Indian Creek watershed. In reviewing the TMDL, EPA found that Table 5-7 inadvertently added the allocations for the 5% margin of safety (MOS) and 6% future growth to the WLAs for the four municipal separate storm sewer systems (MS4s) (as otherwise accurately presented in Tables 5-5, 5-6 and 5-8 of the TMDL Report). The error in Table 5-7 was repeated in Table ES-5 of the Executive Summary. In this errata, EPA is correcting the WLAs displayed for the four MS4s in Tables 5-7 and ES-5 below by subtracting those amounts (for MOS and future growth) to accurately account for the MOS and future growth allocations that had been established and reflected elsewhere in the TMDL. In addition and by way of clarification, EPA has added three rows (highlighted in gray) to show the total WLA for wastewater treatment plants (WWTPs), the total WLA for MS4s, and the total WLA for the Indian Creek nutrient TMDL.

**Corrected Tables 5-7 and ES-5. Existing, TMDL, and Maximum Daily Total Phosphorus WLAs for Permittees**

NPDES ID	Facility/Township	Existing Load (lb/yr)	TMDL WLA (lb/yr)	Maximum Daily (lb/day)	% Reduction
PA0036978	Telford Borough Authority	5695.66	156.10	0.846	97%
PA0054950	Pilgrim's Pride	791.53	20.60	0.181	97%
PA0024422	Lower Salford Authority (Harleysville STP)	1066.16	101.30	0.694	90%
MS4	Lower Salford	803.32	262.89 <del>303.29</del>	1.614 <del>1.862</del>	67% <del>62%</del>
MS4	Souderton	49.40	42.83 <del>49.4</del>	0.263 <del>0.303</del>	13% <del>0%</del>
MS4	Telford	118.18	102.45 <del>118.18</del>	0.629 <del>0.726</del>	13% <del>0%</del>
MS4	Franconia	2863.44	736.09 <del>849.18</del>	4.520 <del>5.214</del>	74% <del>70%</del>
<b>Total WWTP WLA</b>		<b>7553.35</b>	<b>278.00</b>	<b>1.721</b>	<b>96%</b>
<b>Total MS4 WLA</b>		<b>3834.34</b>	<b>1144.25</b>	<b>7.026</b>	<b>70%</b>
<b>Total WLA</b>		<b>11387.69</b>	<b>1422.25</b>	<b>8.747</b>	<b>88%</b>

**Table 5-8 Clarification**

Table 5-8 of the TMDL Report accurately shows the individual WWTP WLAs for Lower Salford Authority, Telford Borough Authority and Pilgrim's Pride in Franconia Township (adding up to a total WLA of 278.0 lb/year TP for the three WWTPs). Table 5-8 also accurately shows the correct total WLA for all point sources of 1,422.25 lb/yr TP. The allocations for the MOS and future growth, as well as the total allowable load and existing loads are also unchanged. For clarity, in this errata EPA has added a row (highlighted in gray) to Table 5-8 showing the individual WLAs for the four permitted MS4s (Lower Salford, Souderton, Telford and Franconia).

**Table 5-8. MS4 Related WLAs for Total Phosphorus**

Landuse/Source	LOWER SALFORD	SOUDERTON	TELFORD	FRANCONIA
Agriculture	72.80	3.27	14.18	208.31
Pasture	63.16	5.23	5.61	176.95
Paved_Roads	0.30	0.17	0.33	0.31
Bare Rock/Sand/Clay	0.07	0.00	0.00	0.99
Deciduous Forest	0.07	0.00	0.01	0.21
Evergreen Forest	0.00	0.00	0.00	0.00
Wetlands	0.00	0.00	0.00	0.00
High Intensity Residential	16.63	8.91	18.60	35.77
High Intensity Commercial/Industrial/Transport	18.45	12.05	34.49	30.63
Low Intensity Residential	37.51	9.93	22.11	105.35
Groundwater	53.90	3.27	7.12	177.57
<b>MS4 WLAs (lb/yr)</b>	<b>262.89</b>	<b>42.83</b>	<b>102.45</b>	<b>736.09</b>
<b>WWTPs WLAs (lb/yr)</b>	<b>101.30</b>		<b>156.10</b>	<b>20.60</b>
<b>Point Source WLA Summary (lb/yr)</b>				<b>1,422.25</b>
<b>5% MOS</b>				<b>79.91</b>
<b>6% Future Growth</b>				<b>95.892</b>
<b>Total Allowable Load (lb/yr)</b>				<b>1,598.05</b>
<b>Existing Load (lb/yr)</b>				<b>11,389.11</b>